

PRINCIPAL AIR QUALITY ENGINEER
OPEN RECRUITMENT
December 15, 2003
(Approximately \$ 82,714 - \$ 100,539 Annually)

The Bay Area Air Quality Management District is currently recruiting for the position of Principal Air Quality Engineer in the Source Test Section. Under direction, performs the most complex and highly specialized level of assigned air quality engineering activities and may supervise staff on a project basis or lead project teams; performs related work as assigned.

This class provides highly specialized professional air quality engineering services in support of the District's goals and objectives. Incumbents are responsible for complex and sensitive engineering activities for the District, and provide project leadership for developing programs. This class is distinguished from Supervising Air Quality Engineer in that the latter supervises assigned staff on a continuing basis and conducts performance appraisals.

EXAMPLES OF DUTIES

- Provide lead direction and work review to professional, technical and support staff; prioritizes and follows up on work assignments to ensure timely completion.
- Research and develop new and revised rules and test procedures for regulation of air quality; determine emissions and potential emission reductions and cost of controls; establish control level and technology; write proposed regulations; prepare technical assessment reports and conducts workshops; make public presentations.
- Participate in the preparation of the goals and objectives of the assigned section.
- Participate in the preparation of the budget of the assigned section.
- Represent the District in meeting with the public, industry and other agencies.
- Participate and review staff's handling of Hearing Board matters involving variances, Order of Abatement and public nuisances.
- Review and participate in toxic screening and assessments and development of emission factors complex facilities.
- Develop, participate and review field engineering compliance audits, source testing and sampling; analysis of the results and preparation of reports; observe and audit private contractor tests.
- Conduct technical seminars for industry and other agencies.
- Testify as expert witness before the Hearing Board.

MINIMUM QUALIFICATIONS

Must possess a valid California Professional Engineering license

Or

Equivalent to a Master's Degree from an accredited college or university with major course work in environmental, chemical, mechanical or petroleum engineering or a closely related field and four years of air quality environmental engineering experience.

Or

Possession of a Bachelor's of Science degree from an accredited college or university in environmental, mechanical, chemical, or petroleum engineering and eight years of air quality environmental engineering experience.

Other Requirements:

Must possess a valid California's driver's license. Requires the physical ability to climb high structures, work in high temperatures and noise levels, and lift heavy test equipment.

CANDIDATES MAY BE SCREENED ON THE FOLLOWING CRITERIA:**Knowledge of:**

- Air Quality engineering principles and practices.
- Air pollution analyses techniques and control methodologies and equipment.
- Applicable District rules and regulations and state and federal laws.
- Air pollution control equipment and processes.
- Principles and practices of computer science including programming and data base structures.
- Industrial chemical processes and equipment.

Skill in:

- Applying sound engineering principles and techniques in a variety of air quality engineering matters.
- Computing complex engineering calculations quickly and accurately.
- Performing detailed analysis of designs, specifications and plans.
- Preparing and operating sampling instruments, effectively judge test conditions, and maintaining test accuracy and safe working practices.
- Conducting a variety of air quality engineering studies.
- Establishing and maintaining effective working relationships with those contacted in the course of the work.
- Preparing clear and concise reports, correspondence and other written materials.
- Exercising sound independent judgment.
- Communicating effectively, both orally and in writing.

SELECTION PROCESS: Interested applicants must submit a completed BAAQMD application and supplemental application form along with their responses to the supplemental application questions to the Human Resources Office no later than 5:00 p.m. on **Friday, January 9, 2004**. For an application packet, contact the Human Resources Office at 939 Ellis Street, Fourth Floor, San Francisco, CA 94109. Phone (415) 749-4980. **Resumes are not accepted in lieu of an official application. Postmarks and Faxes not accepted.**

NOTE: If your current position is that of a Principal Air Quality Engineer or similar job classification with comparable job qualification standards, in order to be considered for this position, you need only submit a written statement by the final filing deadline to the Human Resources Officer requesting consideration as a transfer applicant. Further, you are not required to complete the supplemental application questionnaire.

All required applications materials will be reviewed by the Human Resources Office to determine whether or not an applicant meets the minimum qualifications for the position. Those applicants who meet the minimum qualifications for the position will have their applications screened by a panel of three (3) District employees. The applicant's supplemental application questions will be screened on a 100-point scale. Based on the screening panel score, the top eight (8) will then be interviewed by a panel of three (3) District employees. The panel interview will be scored on a 100-point scale. The screening panel score will be weighted 20% and the interview panel score will be weighed 80%. Based on a combined score of the screening and the interview panels, the top (5) candidates will be interviewed by the Hiring Manager. If five (5) or fewer applicants meet the minimum qualifications for the position, only the Hiring Manager interview will be conducted.

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